

Atlanta Ham

THE OFFICIAL BULLETIN OF THE ATLANTA RADIO CLUB, W4DOC

APRIL 2001

ARISS Declares ISS Special Event Day April 12

The ARRL Letter 3/23/01

NEWINGTON, CT, Mar 29, 2001--Casual Amateur Radio contacts with the hams aboard the International Space Station have been few and far between. That could change next month when a special event day for ham radio has been declared.

"The Amateur Radio on the International Space Station, or ARISS, team has received permission from the ISS controllers to declare April 12 Cosmonautics Day--a special

event day for ham radio on the International Space Station," ARISS spokesperson Will Marchant, KC6ROL, announced today.

The ARISS international team is asking the ISS Expedition 2 crew--on a voluntary basis--to run general QSOs over Earth's major land masses to help celebrate Cosmonautics Day, Marchant said. Given the interest expressed by earthbound hams in making a contact with the ISS, the ARISS team also hopes the crew will be enthusiastic



The Expedition 2 crew--Commander Yury Usachev, UA9AD, is flanked by US astronauts Jim Voss and Susan Helms, KC7NHZ. [NASA Photo]

about the idea.

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AMATEUR RADIO SPECTRUM PROTECTION ACT 2001 INTRODUCED IN SENATE

The Amateur Radio Spectrum Protection Act of 2001, introduced earlier this month in the US House, now is officially a Senate bill, S.549. Republican Sen Michael Crapo of Idaho introduced the bill in the upper chamber March 15.

Democratic Sen Daniel Akaka of Hawaii was a cosponsor. The bill has been referred to the Senate Commerce, Science, and Transportation Committee. In introducing the Senate measure again this year, Crapo and Akaka referred to the importance of Amateur Radio in providing communication in times of disaster

(Continued on page 5)

THE ATLANTA HAM

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Atlanta Radio Club
Attn: HAM EDITOR
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DEADLINE FOR SUBMISSIONS IS THE 21ST OF EACH MONTH!

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THE ATLANTA RADIO CLUB, W4DOC

Originally known as the "Atlanta Wireless Club," the Atlanta Radio Club is one of the oldest radio clubs in the United States. With nearly 200 members, the Club sponsors numerous activities and services for its membership and for the Atlanta area amateur radio community.

The Club is best known for its sponsorship of the annual Atlanta HamFestival, a Saturday event which hosts many vendors, exhibitors, and flea marketers of amateur radio equipment and other electronic equipment, including computers



Bank of America Tower
Site of Atlanta Repeaters:
146.82(-), 224.34(-) and 444.825(+)

W4DOC REPEATERS

The Atlanta Radio Club operates six repeaters at two locations. Currently our most active project is at the Bank of America Tower where we operate three repeaters at 146.82(-), 224.34 (-), and 444.825(+). All our repeaters are undergoing extensive renovations during the summer of 2000. On the web, go to <http://www.saf.com/arc/repeater.pdf> for a Acrobat 4.0 diagram of what we plan to have on the air by late spring or summer 2001

Our second location is the WFOX broadcast tower at Chestnut Mountain, south of Gainesville, GA. We operate three repeaters on 145.35(-) & 444.45 (+) . These repeaters are being renovated under the expert guidance of Tim, WK4U, and should also be on the air before January 1, 2001. For pictures of that site, see <http://www.saf.com/arc/wfox.html>

ASSOCIATE ORGANIZATIONS



MEETING NOTICE

WHEN: Thursday April 5, 2001 730pm
WHERE: The Red Cross Training Rooms
Lindbergh Plaza, Sidney Marcus
& Piedmont Ave

TALK IN: 146.820

PROGRAM: Dxing VHF/UHF from your HT. Dinner before meeting in the Picadilly Café located at end of building 6:15 pm

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Looking for contributions to The Ham...



Many older club members remember "The Old Goat" Byron Lindsay who wrote about anything and everything

Have you ever had the itch to write? Here's your chance. Do you have an experience or some expertise you can share with the rest of the club? Put it in writing and submit to the newsletter editor, John KI4Y, at john@talipsky.com. Past Hams have included many articles from club members. Be a part of it!

Cosmonautics Day will mark the 40th anniversary of the first human space flight by USSR cosmonaut Yuri Gagarin, the 30th anniversary of Salyut 1--the first space station, and the 20th anniversary of the initial launch of the first reusable space vehicle--the space shuttle.

Marchant said the crew will be involved with stowage activities on April 12, "so they should have a fair amount of flexibility in adjusting their schedule." Two hams now are aboard the International Space Station--Expedition 2 Crew Commander Yury Usachev, UA9AD, and US astronaut Susan Helms, KC7NHZ. Helms already has made a few casual contacts and this week participated in a scheduled ARISS contact with a California elementary school using the station's NA1SS call sign. It's not known if Usachev has been active on the air while over Russia.

The following frequencies have been announced for ARISS general QSOs: Voice and packet downlink: 145.80 (worldwide); voice uplink: 144.49 for Regions 2 and 3 (the Americas, and the Pacific); voice uplink: 145.20 for Region 1 (Europe, Central Asia and Africa) ; packet uplink: 145.99 (worldwide). The ISS Amateur Radio packet system still is not operational, but Marchant said ARISS has been working with the crew to get it working and hopes it will be up and running by then.

Marchant said that specific operating times and modes for Cosmonautics Day, as well as additional details, will be announced on the ARISS Web page.

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World Amateur Radio Day: April 18

73's Penn, K4PE

Source: The ARRL Letter Feb. 20, 2001

World Amateur Radio Day set for April 18: The Administrative Council of the International Amateur Radio Union has selected the theme "Providing Disaster Communications: Amateur Radio in the 21st Century" for World Amateur Radio Day, April 18, 2001. IARU has been the watchdog and spokesman for the world Amateur Radio community since its founding in Paris, France, in 1925. Hiram Percy Maxim, 1AW, was its first president. In a related item, the International Telecommunication Union has approved publication of the Disaster Communications Handbook for Developing Countries. The role of the Amateur Radio service in disaster communications is one of the main points of the Handbook. IARU is the principal contributor to the Handbook. This event will coincide with the 76th anniversary of the

METRO TESTING SESSIONS

Call ahead to verify session and be prepared with the appropriate forms and required papers. A small fee may be charged. Check with the VEC

First Sunday WCARS VEC
2:00 PM (Except July and September)
Johnson High School
3305 Poplar Springs Road, Gainesville
Terry Jones, W4TL (770)967-6364

Second Tuesday 7:00 PM
Walton EMC Building
3645 Lenora Church Road, Snellville
Wayne Taylor, WD4CCA (770)498-7759

Second Saturday CA VEC 8:30 AM
Stone Mountain Methodist Church
5312 West Mountain Street, Stone Mountain
Hal Martin, KI4RD (770)978-9160

Third Saturday CA VEC 9:00 AM
Marietta First United Methodist Church
Room 305
56 Whitlock Avenue, Marietta
Larry Huff, WA4CQZ (770)955-3171

Fourth Tuesday ARRL VEC 7:00 PM
United Way Service Center
6279 Fairburn Road, Douglasville
Jessie Clower, KB4WFK (770)942-6466

Fourth Friday W5YI VEC 7:00 PM
St. John Neumann Church
801 Tom Smith Road, Lilburn
Headphones provided
Howie Gould, W9HG (770)921-8362

ACTIVITIES CALENDAR FOR APRIL 2001

SCITREK is looking for volunteer clubs to man the ham station, look for details inside this issue.

We are still looking at a few places to hold a once a month Saturday W4DOC Breakfast. Have a favorite place to eat breakfast that can accommodate a small group of folks, let us know!

Some ideas have been kicked around as possible field trips. These include, Delta Maintenance at Hartsfield, communications out at PDK Airport, a G.M. Plant tour, TV 5 Station tour, etc... If you know of other ideas let me know, John Talipsky, KA4VQH
Email: johnka4vqh@aol.com

ATLANTA HAMFEST 2001... Always looking for volunteers. This is a good chance to have some fun and see what goes on behind the scenes in planning for a Hamfest. Jobs are easy, give me a call John Talipsky, 770-995-6446

(Continued from page 1)

S.549 is identical in its wording to H.R.817, introduced in the House of

Representatives March 1 by Rep Michael Bilirakis of Florida. If approved by both chambers and signed by Pres George W. Bush, the Spectrum Protection Act would require the FCC to provide equivalent replacement spectrum should it ever reallocate primary Amateur Radio spectrum to another service. The same requirement would apply if the FCC acted to diminish any secondary amateur allocations or to make additional allocations in ham bands that diminish their utility.

Bilirakis and Crapo introduced the Spectrum Protection Act in a past session of Congress at the request of the ARRL. The League's Legislative and Public Affairs Manager Steve Mansfield, N1MZA, says he's encouraged by the fact that the Spectrum Protection bill is getting a head start with early introduction in both chambers this time around.

More information on the Spectrum Protection Act, including a copy of the House and Senate versions of the bill, is available on the ARRL Web site,

SIGNMAN
of Baton Rouge



ORDER THE W4DOC BADGE!

The Atlanta Amateur Radio Club badge has a SILVER background with BLUE letters and the CLUB LOGO in GOLD. The distinctive Atlanta skyline; designed by Roy Epps, K4UWO; makes this name tag unique. The ARC badge is \$8.75 (includes s&h).

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FOR MORE INFORMATION WWW.SAF.COM/ARC

APRIL 2001 CONTESTING SCHEDULE

VHF/UHF Spring Sprints, sponsored by the East Tennessee DX Association. 144 MHz, 7 PM to 11 PM local time on Mon, Apr 9. (Other Spring Sprint dates are 222 MHz on Tue, Apr 17; 432 MHz on Wed, Apr 25; 902 MHz/1296 MHz/2304 MHz on Sat, May 5; and 50 MHz on Sat-Sun, 2300Z, May 12 to 0300Z May 13.) The 902 MHz, 1296 MHz, and 2304 MHz Sprints will run simultaneously on Sat, May 5, 6 AM to 1 PM local time; you may work any five consecutive hours during this time period. The 902, 1296 and 2304 MHz Sprints are separate, but run concurrently. The usual VHF/UHF rules apply. Exchange grid-square locations. Signal reports are optional. Score 1 pt per valid QSO. Final score is QSO pts x grid squares. Contests are separate; there's no accumulation of scores. Logs must indicate time, call sign and complete exchange for each valid QSO. Multipliers must be clearly marked in the log. Submit separate log and summary sheets for each Sprint entered. Awards. East Tennessee DX Assn, 1620 Hidden Hills Dr, Clinton, TN 37716; www.ETDXA.org

Lighthouse Spring Rites QSO Party, sponsored by the Amateur Radio Lighthouse Society (ARLHS) 2300Z April 13 to 0300Z April 23, Participants do not have to operate from lighthouses. All bands and all modes permitted, including PSK, repeaters and satellites, but excluding aeronautical mobile. Phone 1.970, 3.970, 7.270, 14.270, 21.370, 28.370; CW 1.830, 3.530, 7.030, 14.030, 21.030, 28.030. Exchange: Members send call, member number, name, and state/province/country; Lighthouse stations send call, ARLHS lighthouse number, name, state/province/country; Nonmembers send call, "ARLHS.COM," name, state/province/country. Score: 1 pt per QSO with Nonmember; 2 pts per QSO with member; 3 pts per QSO with lighthouse/lightship station. Contact with member at a lighthouse = 5 pts. Awards. Send logs by May 31 to Lee Graves, WA7OBH, Secretary ARLHS, 4341 SE Satinleaf Place, Stuart, FL 34997; www.arlhs.com

QRP ARCI Spring QSO Party, CW, sponsored by QRP ARC International, from 1200Z Apr 14 until 2400Z Apr 15. Single band, all band, high band (20 15 10 6 meters) or low band (160 80 40 meters). Operate 24 hours max. Work stations once per band. Send signal report, state/province/DXCC country and ARCI number (if member), or power output (if nonmember). 1.810 3.560 3.710 7.040 7.110 14.060 21.060 21.110 28.060 28.110 50.128. Score 5 pts/ QSO with ARCI member, 2 pts/QSO with nonmember on same continent and 4 pts/QSO for nonmember, different continent. Final score is QSO points x states/provinces/DXCC countries x power multiplier (0-250 mW, x 15; 250 mW to 1 W, x 10; 1-5 W output x 7; < 5 W x 1). Team competition. Awards. Mail entry (SASE for results) to QRP ARCI Contest Manager, Randy Foltz, K7TQ, 809 Leith St, Moscow, ID 83843; rfoltz@turbonet.com;

His Majesty the King of Spain Contest, sponsored by Union de Radioaficionados Espanoles, 1800Z Apr 14 to 1800Z Apr 15. Single operator, multioperator and SWL. Phone and CW are separate contests and require separate logs. 80 40 20 15 10 meters. Exchange RST and serial number, Spanish stations send RST and province. Count one point per QSO. NonSpanish stations can only work Spanish stations, Spanish stations work everyone. Multipliers are Spanish provinces on each band. Final score is total QSO points x total multipliers. Awards. Send logs by May 15 to URE Contest Manager, PO Box 220, 28080 Madrid, Spain; ure@ure.es; www.ure.es/.

Michigan QSO Party, sponsored by the Mad River Radio Club, from 1600Z April 21 until 0400Z April 22. Stations may operate the full 12 hours. Phone and CW on 80/40/20/15/10 meters. Single-op, multiop, and mobile categories. Work stations once per band and mode. MI-to-MI QSOs allowed. Work portables and mobiles again as they change county, state or province. Exchange QSO number and location (county for MI stations, state/province or "DX" for others). Suggested frequencies: CW-3545, 7045, 14045, 21045, 28045; Phone-3850, 7225, 14250, 21300, 28450. One point per phone QSO, two points per CW QSO. Count multipliers once per mode. Multipliers are MI counties for all entries, plus

CLASSIFIEDS

EQUIPMENT

Cushcraft A4 Yagi for 40, 30, 20, 15, & 10 meters. About ten years old, needs refurbishing. Sells for \$450 new; Asking \$220. K4WK@bellsouth.net or phone Wayne at 404/378-8722.

FREE CLASSIFIED ADS!

states & provinces for MI entries only. Final score is total QSO points x total multipliers. Mail logs no later than 30 days after the contest to: Mad River Radio Club, c/o Dave Pruett, 2727 Harris Rd, Ypsilanti, MI 48198; MQP@contesting.com; www.qsl.net/mrrc/mqp.html.

Florida QSO Party, sponsored by the Florida Contest Group, 1600Z Apr 28 to 0159Z Apr 29 and 1200Z-2159Z Apr 29. 20 hours total time. 40 20 15 10 meters. Categories: single op, mobile (single op or multiop), Technician (mixed mode, phone only, CW only); multi-single and multi-multi (mixed mode only; max 1 signal per band); school (university, college, high school, etc). Three power classes for all categories: QRP (<5 W), low power (<150 W) and high power (>150 W). Exchange signal report and state/province (DX stations send DX); Florida stations send county. Work stations once per band and mode. Work Florida mobile stations again as they change county. Count 1 pt per phone QSO, 2 pts per CW QSO. Multipliers: for Florida stations, all 50 states and all Canadian provinces; DXCC entities (except W, VE, KH6, KL7). All others count Florida counties (67). Count multipliers once per mode. Final score: Multiply QSO points by total multipliers by the power multiplier (<5 W, x 3; <150 W, x 2; >150 W, x 1). Logs must be postmarked by May 29. Send your entry to Florida QSO Party, c/o Ron Wetjen, WD4AHZ, 5362 Castleman Dr, Sarasota, FL 34232; FLQSOParty@aol.com; www.qsl.net/fqp/.

ATLANTA RADIO CLUB, INC P.O. Box 942150 Atlanta, GA 31141-2150

New[] Renewal[] Treasurer Use: Date Paid: Amount: Cash[] or Check#
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Address _____ City _____ ST _____ Zip _____
Phone _____ E-mail _____ Birth _____
Occupation _____ Spouse's Name _____

Type of Application [] Voting \$22 [] Associate \$15 [] Student \$8 [] Family \$2(non-voting)

Are you a member of ARRL (Y/N) _____ Please include my renewal/new membership in ARRL when processing this Application! (Y/N) _____

ARRL Membership Dues are as follows: [] Regular [] Family/Blind [] 65 or older (Proof of age required)

[] 1 year	\$34	\$5	\$28
[] 2 year	\$65	\$10	\$53
[] 3 year	\$92	\$15	\$76

ARRL Dues include subscription to QST Magazine (Except Family/Blind memberships)

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ARRL \$_____ + FAMILY \$_____ TOTAL \$_____

Make your check payable to Atlanta Radio Club SUMMARY \$_____

I would like to receive the club newsletter in the following format: PDF(WEB) USPS
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The Atlanta Radio Club makes every effort to keep membership dues at a minimum and because of efforts like
electronic newsletters we are able continue to offer the most affordable membership rate in the Atlanta Metro Region)

WANTED



C.T. Morgan

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Tom at C.T. Morgan says,
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The Atlanta Hamfest 2001
June 2, 2001
9am-4pm
Jim Miller Park, Cobb Co.
Indoor Tables – \$15, Tailgating – \$10
Club Tables – Free
Admission – \$5
Prizes, Forums, Food, and Fun!

ATLANTA, GA 30358
PO BOX 720398
ATLANTA RADIO CLUB, INC



MEETING NOTICE APRIL 5, 2001

SCITREK – 4th Saturday of every month, 12 – 3PM

As some of you already know the Scitrek Museum has an Amateur Radio Station. You can learn more about this station called "STARS" at <http://www.america.net/~w4qo/stars.html>. It is described as "one of the most impressive amateur radio stations in the Atlanta area." This station provides a great way to introduce kids of all ages to the hobby!

The Station Manager of STARS, Jim Stafford, W4QO, has approached our club about staffing the station one Saturday per month from noon to 3 PM (longer is FB). I have accepted the job of staffing the station the 4th Saturday of each month, and I hope that we'll make this a club responsibility at our April meeting. Eight other clubs in Atlanta are participating. In order to volunteer you need to make an appointment with Jim, me, or one of the other members of STARS to familiarize yourself

with the station.

The orientation should take less than 30 minutes. You will receive an ID card that will give you access to the station whenever the museum is open. With the ID card, you will have access to a working HF/VHF/Packet/SSTV/ATV/Satellite (soon) club station in return for volunteering perhaps one Saturday afternoon

You operate commensurate with your privileges. You can still operate VHF (85' tower with 6 and 2 meter beams on top) if you do not have HF privileges. You can always listen around on HF. This is a fantastic opportunity that I personally could not refuse. Please contact Jim or me for your orientation session, typically on the 4th Saturday of each month. It should be fun, fun, fun.